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... Figure 1, T2 would throw a null pointer exception ... we can not eliminate the check (stmCheckRead) that ... Our compiler also eliminates a read barrier that follows a ...

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... Thread 2 atomic { ListNode n = lhead; while (n != null) { n.val ++; n = n.next; } } ...
 The read barrier (SigTMreadBarrier) first checks if the address is ...

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